PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

10/725,567

December 3, 2003

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Application Number

Filing Date

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(Use as many sheets as necessary)

First Named Inventor BURANY, Stephen Art Unit Examiner Name N/A

Sheet 1 of 3 9351-322 Attorney Docket Number

	U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant				
Initials *	No.	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear				
=7		US-3,676,770	07-11-1972	Sharaf et al.					
₹)		US- 3,753,094	08-14-1973	Furuishi et al.					
206		US- 4,071,819	01-31-1978	De Santis					
10		US- 4,316,185	02-16-1982	Watrous et al.					
set s		US- 4,352,087	09-28-1982	Ottone					
E		US- 4,484,140	11-20-1984	Dieu					
1		US- 4,697,134	09-29-1987	Burkum et al.					
2		US- 4,743,855	05-10-1988	Randin et al.					
-65		US- 4,972,181	11-20-1990	Flene					
(1)		US- 5,047,722	09-10-1991	Wurst et al.					
-165		US- 5,159,272	10-27-1992	Rao et al.					
**		US- 5,170,124	12-08-1992	Blair et al.					
10		US- 5,281,920	01-25-1994	Wurst					
11		US- 5,416,416	05-16-1995	Bisher					
265		US- 5,608,307	03-04-1997	Garrett et al.					
B		US- 5,670,861	09-23-1997	Nor					
6		US- 5,712,568	01-27-1998	Flohr et al.					
457		US- 5,763,113	06-09-1998	Meltser et al.					
4		US- 5,773,978	06-30-1998	Becker					
		US- 5,914,606	06-22-1999	Becker-Irvin					

		FOREIGN PA	TENT DOCU	MENTS		
Examiner Ci	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	۲٥
(1)		WO 99/18448	04-15- 1999	Guardian Link Limited		
**		WO 99/66339	05-21- 1999	DBB Fuel Cell Engines		
4		WO 00/31557	06-02- 2000	Korea Kumho Petrochemical Co., Ltd.		
Æ)		WO 01/09631 A1	02-08- 2001	Elliott Industries Limited		
\$		WO 01/14898 A1	03-01- 2001	Plug Power, Inc.		
£)		WO 02/03086 A2	01-10- 2002	Ballard Power Systems, Inc.		

Examiner Signature	A	U	Date Considered	12/15

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(!	Substitute	for form 1449A/PTC)			Complete if Known	
					Application Number	10/725,567	
	INFO	RMATION	DIS	CLOSURE	Filing Date	December 3, 2003	
	STAT	TEMENT B	Υ ΑΙ	PPLICANT	First Named Inventor	BURANY, Stephen	
					Art Unit	N/A	
		(Use as many she	ets as	necessary)	Examiner Name	N/A	
CS	Sheet	2	of	3	Attorney Docket Number	9351-322	

			U.S. PATENT	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
-67		US-5,923,148	07-13-1999	Sideris et al.	
3		US- 5,925,476	07-20-1999	Kawatsu	
4		US- 6,002,238	12-14-1999	Champlin	
45)		US- 6,011,379	01-04-2000	Singh et al.	
6		US- 6,037,777	03-14-2000	Champlin	
20		US- 6,140,820	10-31-2000	James	
~		US- 6,160,382	12-12-2000	Yoon et al.	
70)		US- 6,239,579 B1	05-29-2001	Dunn et al.	
3 0		US- 6,281,684 B1	08-28-2001	James	
100		US- 6,285,164 B1	09-04-2001	Noda et al.	
18		US- 6,297,618 B2	10-02-2001	Emori et al.	
\$ 2		US- 6,307,350 B1	10-23-2001	Alderman	
75)		US- 6,313,750 B1	11-06-2001	Lacy	
-		US- 6,335,611 B1	01-01-2002	Sasaki	
-		US- 6,406,806 B1	06-18-2002	Keskula et al.	
***		US- 6,410,176 B1	06-25-2002	Genc et al.	
75		US- 6,423,434 B1	07-23-2002	Pratt et al.	
1		US- 6,432,569 B1	08-13-2002	Zellinger et al.	
260		US- 6,455,180 B1	09-24-2002	Mowery et al.	
5		US- 6,461,751 B1	10-08-2002	Boehm et al.	

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	т⁰
4		WO 02/27342 A2	04-04- 2002	Hydrogenics Corporation		
457		WO 02/27832 A2	04-04- 2002	Ballard Power Systems Inc.		
d5)		JP 01160367 2 A	06-23- 1989	Toshiba Electric Equip Corp		
10		JP 2000092732	03-31- 2000	Denso Corp		
20		JP 35921567 A	12-05- 1984	Sanyo Electric Co Ltd		
By		EP 1 001 666 A2	05-17- 2000	Ballard Power Systems		
		EP 1 088 241 B1	07-03- 2002	Ballard Power Systems AG		

Date Examiner Signature (2 Considered

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	Substitut	te for form 144	9A/PTO			Complete if Known	
					Application Number	10/725,567	
	INFO	DRMAT	ION DIS	SCLOSURE	Filing Date	December 3, 2003	
	STA	TEMEN	IT BY A	PPLICANT	First Named Inventor	BURANY, Stephen	
					Art Unit	N/A	
		(Use as m	any sheets a	s necessary)	Examiner Name	N/A	
abla	Sheet	3	of	3	Attomey Docket Number	9351-322	

U.S. PATENT DOCUMENTS							
Examiner Cite		Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	0.5500	Passages or Relevant Figures Appear		
- €>	I	US-6,472,880 B1	10-29-2002	Kang			
5		US- 6,573,682 B1	06-03-2003	Pearson			
47		US- 2002/0051899 A1	05-02-2002	Keskula et al.			
ستقع		US- 2002/0053896 A1	05-09-2002	Adams et al.			
₹		US- 2002/0090540 A1	07-11-2002	Einhart et al.			
=		US- 2003/0076110 A1	04-24-2003	Wang et al.			
-32		US- 2003/0113594 A1	06-19-2003	Pearson			
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Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁰
15		CA 2,334,951	12-23- 1999	Xcellsis GMBH		
						
		 				

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Substitut	e for form 1449A	٠.	(A)		Complete if Known	
		OTR/	DEMA	Application Number	10/725,567	
			CLOSURE	Filing Date	12/03/2003	
STA	TEMENT BY	/ A	PPLICANT	First Named Inventor	BURANY	
				Art Unit	N/A	
	(use as many she	ets as	necessary)	Examiner Name	N/A	
Sheet	1	of	1	Attorney Docket Number	9351-322	

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Bases Caleman Mana Mana Bata		
Initials *	Cite No. ¹	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear		
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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
		JP60054176	03/28/85	SHUNSUKE		
1		JP11260385	09/24/99	MASAAKI		
(5)		JP06243882	02/16/93	TAKASHI		
		<u> </u>		· · 		

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Examiner Signature		In	Date Considered	12	05

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